

radiance from HIRDLS processing version 09 have been compared to the MIPAS L1C radiances obtained from ESA L1B data. The radiances have been directly compared for the 10 HIRDLS channels which are within the MIPAS spectral range. To produce MIPAS radiances that were comparable to HIRDLS radiances, the MIPAS radiances were convolved over the appropriate HIRDLS filter response function for each channel. The data for each test day were averaged over three latitude bands (60S-20S, 20S-0N and 20N-60N).

Results of these comparisons are shown below for channels 8 (the most effected by the blockage) and 18 (the least effected by the blockage).

